Cytometer Baseline Report

Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 8.0.2
Input Device:	Carousel	Date:	12/16/2021 09:10 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

Setup Beads

Bead Product:	CST Setup Beads	Part #:	910859
Lot ID:	32272	Expiration Date:	09/30/2022
Bead Lot Information:	Available		

Detector Settings

Laser	Detector	Parameter	PMTV	New Target Value	Old Target Value	Bright Bead %Robust CV	Mid Bead Median Channel	Mid Bead % Robust CV	Dim Bead Median Channel	Dim Bead % Robust CV
Blue	FSC	FSC	589	125000	N/A	3.94	120535	3.91	22283	5.07
Blue	F	SSC	521	125000	N/A	4.71	114170	4.67	50077	4.70
Blue	E	FITC	501	14284	N/A	4.96	399	14.99	59	57.86
Blue	D	PE	497	23919	N/A	4.84	566	11.69	109	40.97
Blue	B	PerCP-Cy5-5	588	31332	N/A	5.31	894	16.23	138	46.33
Blue	A	PE-Cy7	635	22272	N/A	6.88	462	32.79	74	88.39
Red	C	APC	580	47768	N/A	2.87	1643	11.85	340	27.50
Red	A	APC-Cy7	555	25313	N/A	3.28	713	12.61	132	36.03
Violet	B	V450	463	7085	N/A	4.40	496	11.78	83	46.44
Violet	A	V500	474	26969	N/A	4.02	924	9.07	108	34.64

Detector Settings (Continued)

Laser	Detector	Parameter	Linearity Min Channel	Linearity Max Channel	Slope	Intercept	Electronic Noise Robust SD	Qr	Br
Blue	FSC	FSC	N/A	N/A	0.0040	2.7	N/A	N/A	N/A
Blue	F	SSC	N/A	N/A	6.8598	-13.6	N/A	N/A	N/A
Blue	E	FITC	95	234357	7.3247	-15.6	25.6	0.0373	125
Blue	D	PE	47	232801	7.2363	-15.1	23.5	0.3898	325
Blue	B	PerCP-Cy5-5	133	229065	7.3260	-15.8	23.5	0.0183	141
Blue	A	PE-Cy7	72	230895	7.4326	-16.5	23.5	0.0199	8
Red	C	APC	51	239369	7.3924	-15.8	20.3	0.0268	241
Red	A	APC-Cy7	72	238009	7.4315	-16.0	19.2	0.0061	1492
Violet	B	V450	51	236055	7.4010	-15.9	16.4	0.0513	1952
Violet	A	V500	93	241390	7.5844	-15.9	16.5	0.0231	1260

Specifications

Violet Laser Primary Channel Bright Bead %Robust CV:	6.00 (Recommended)
Blue Laser Primary Channel Bright Bead %Robust CV:	6.00 (Recommended)
Red Laser Primary Channel Bright Bead %Robust CV:	6.00 (Recommended)

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Laser Settings

Laser	Power (mW)	Power Spec. (mW)	Current (mA)	Current Guidelines (mA)	Delay (Trigger on FSC)	Delay (Trigger on Fluorescence)	Area Scaling Factor
Violet	59.55	47.97 - 71.95	N/A	N/A	-31.50	-31.36	1.01
Blue	20.35	16.28 - 24.42	1.29	1.02 - 1.52	0.00	0.00	1.44
Red	14.34	13.60 - 20.40	N/A	N/A	29.75	29.95	1.24

Window Extension: 7.00
FSC Area Scaling Factor: 0.92

Threshold

Threshold (FSC): 13959

Fluidics

FACSFlow Pressure: 3.90 Sample Pressure: 3.70
Spec.: 3.80 - 4.00

Comments

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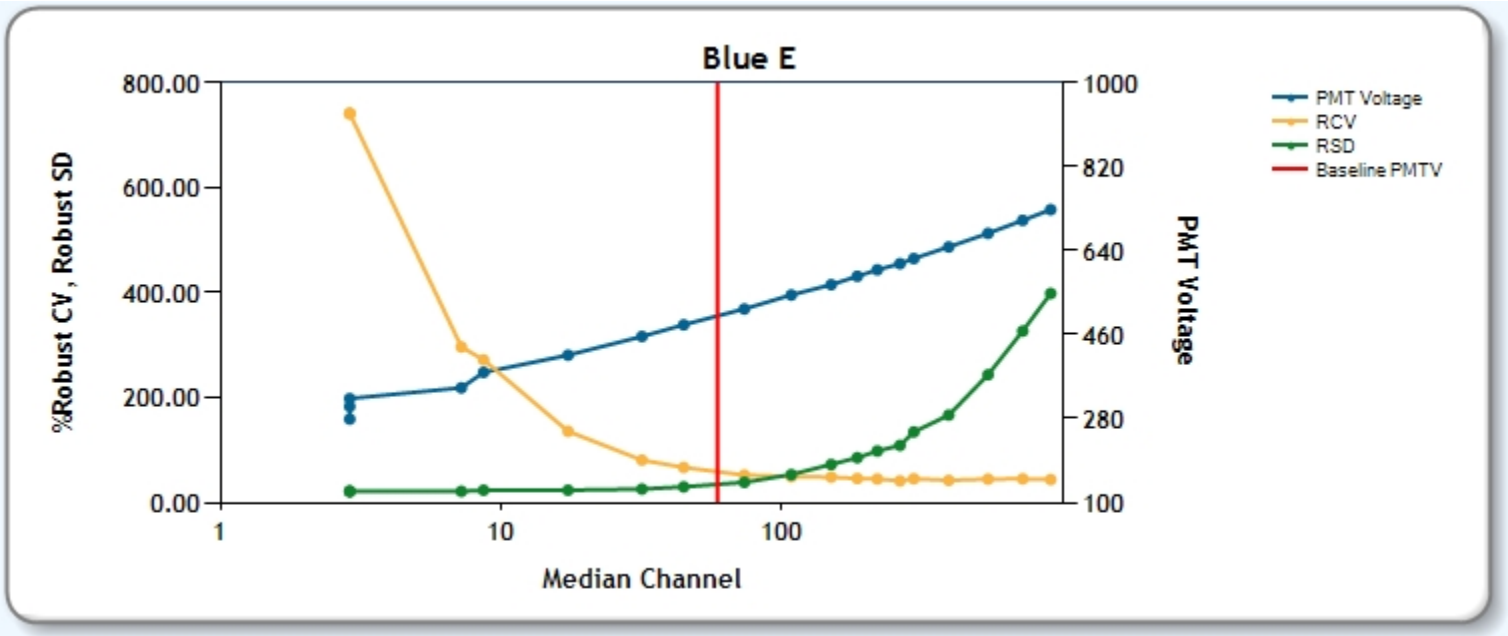
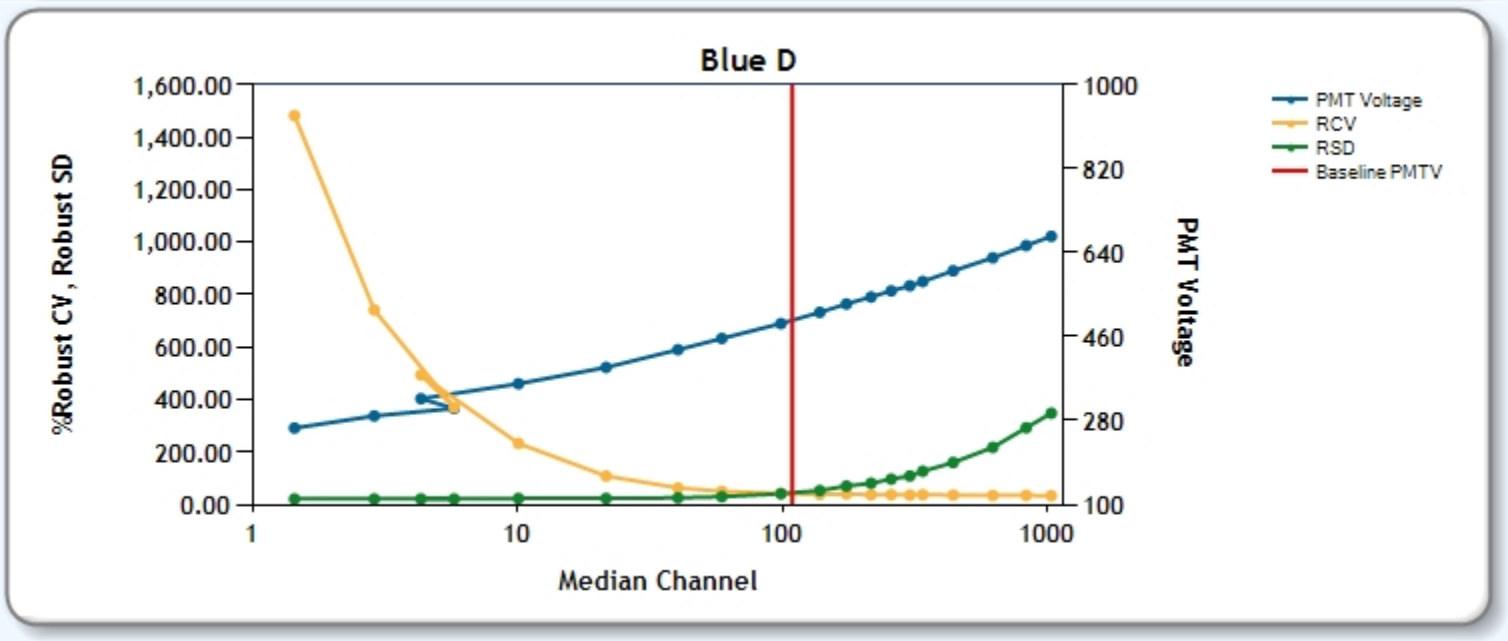
PMTV Optimization Results





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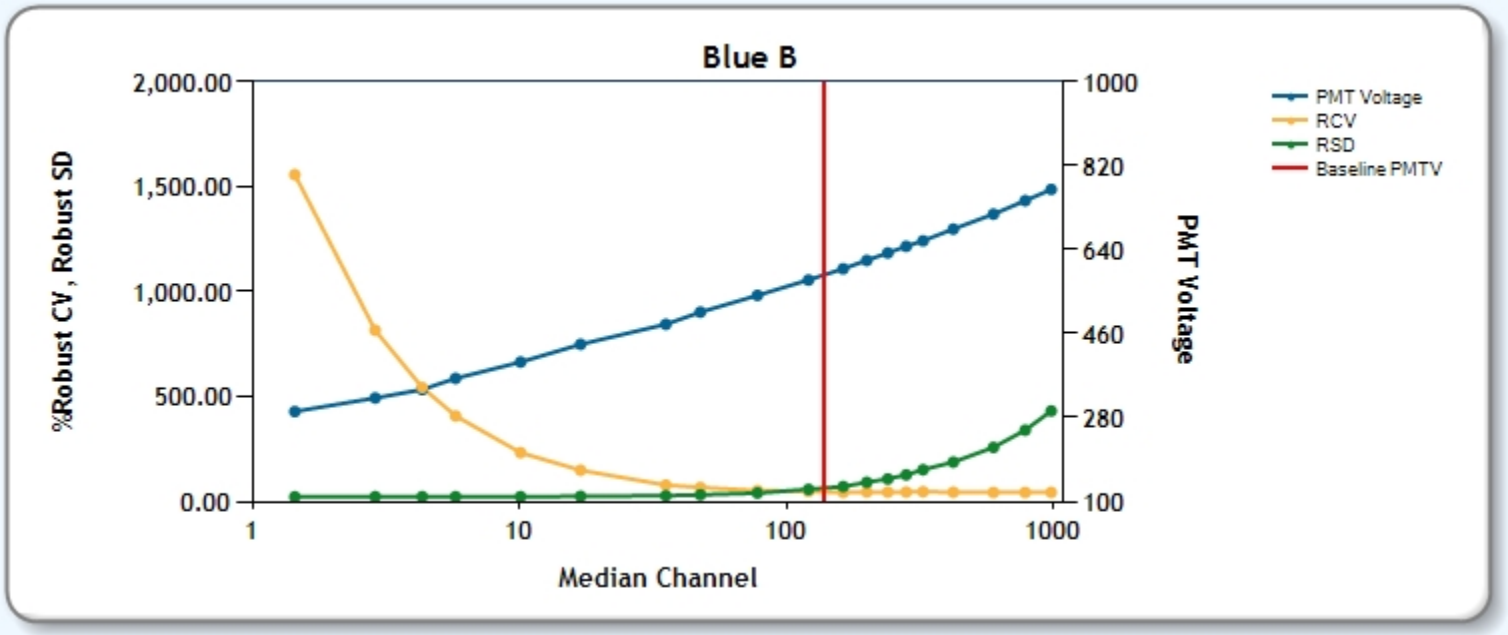

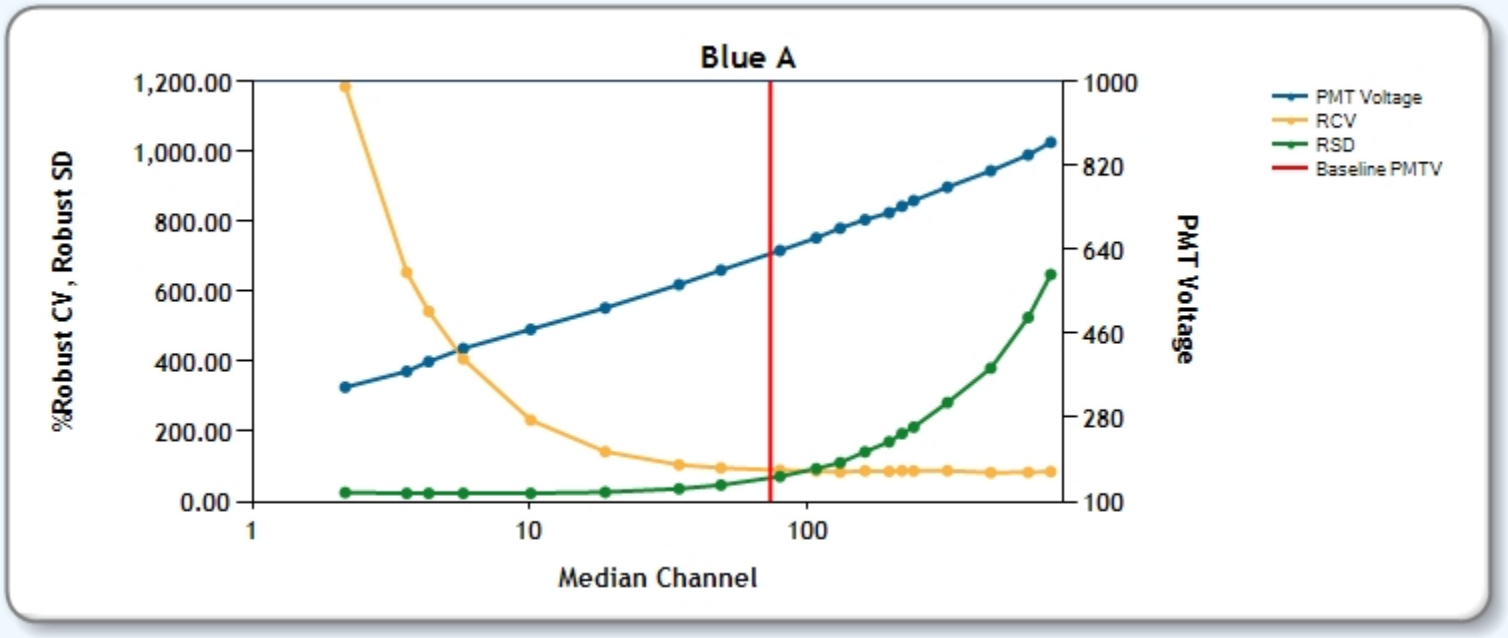

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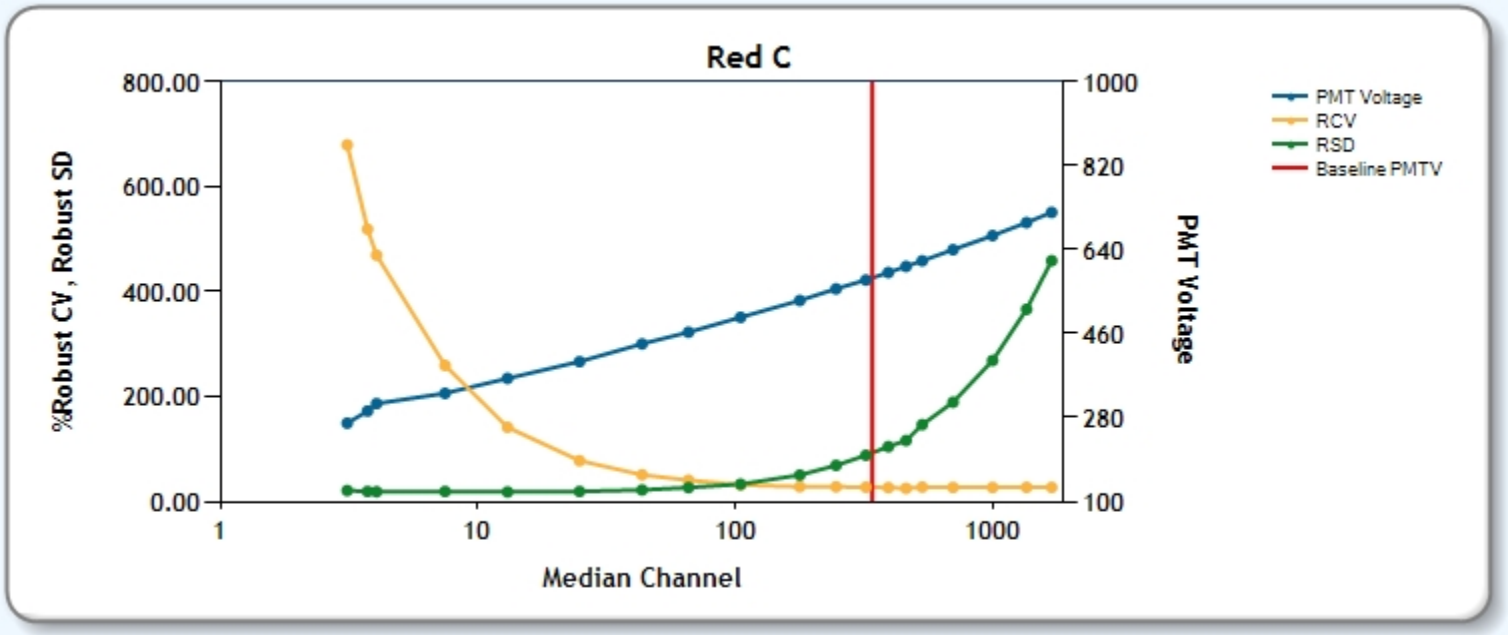

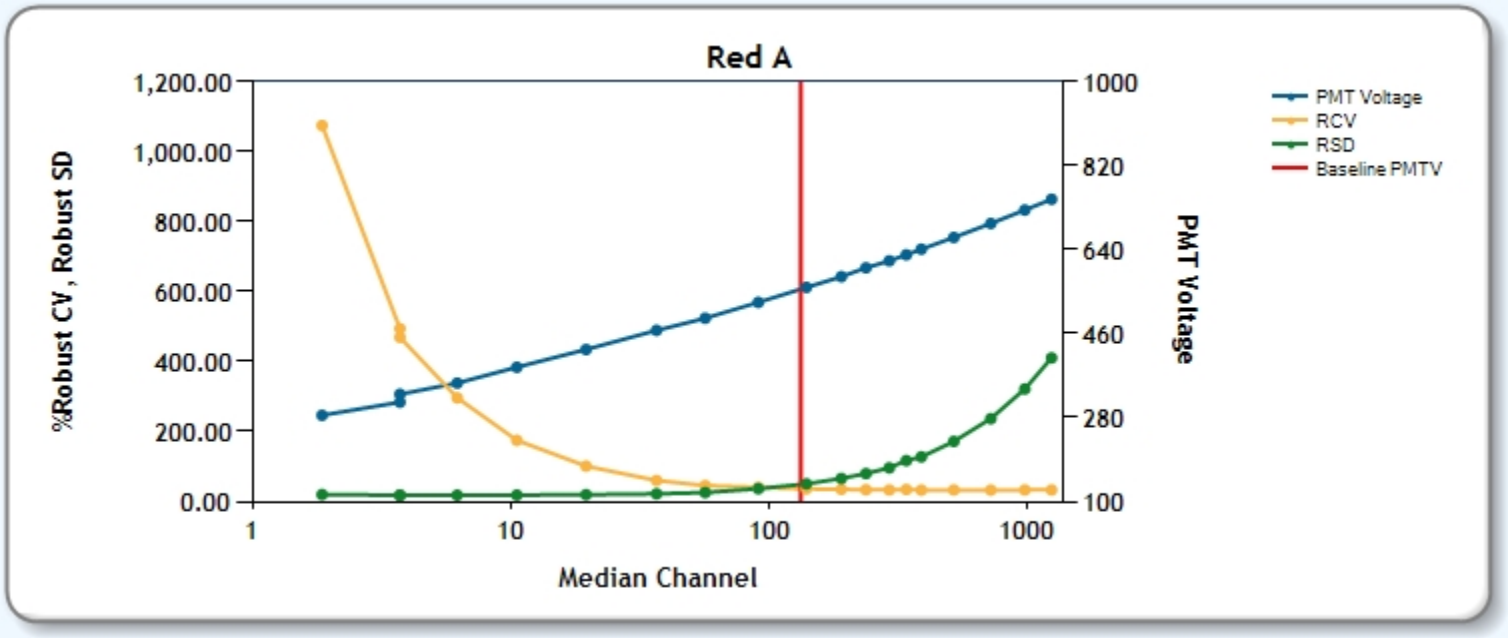

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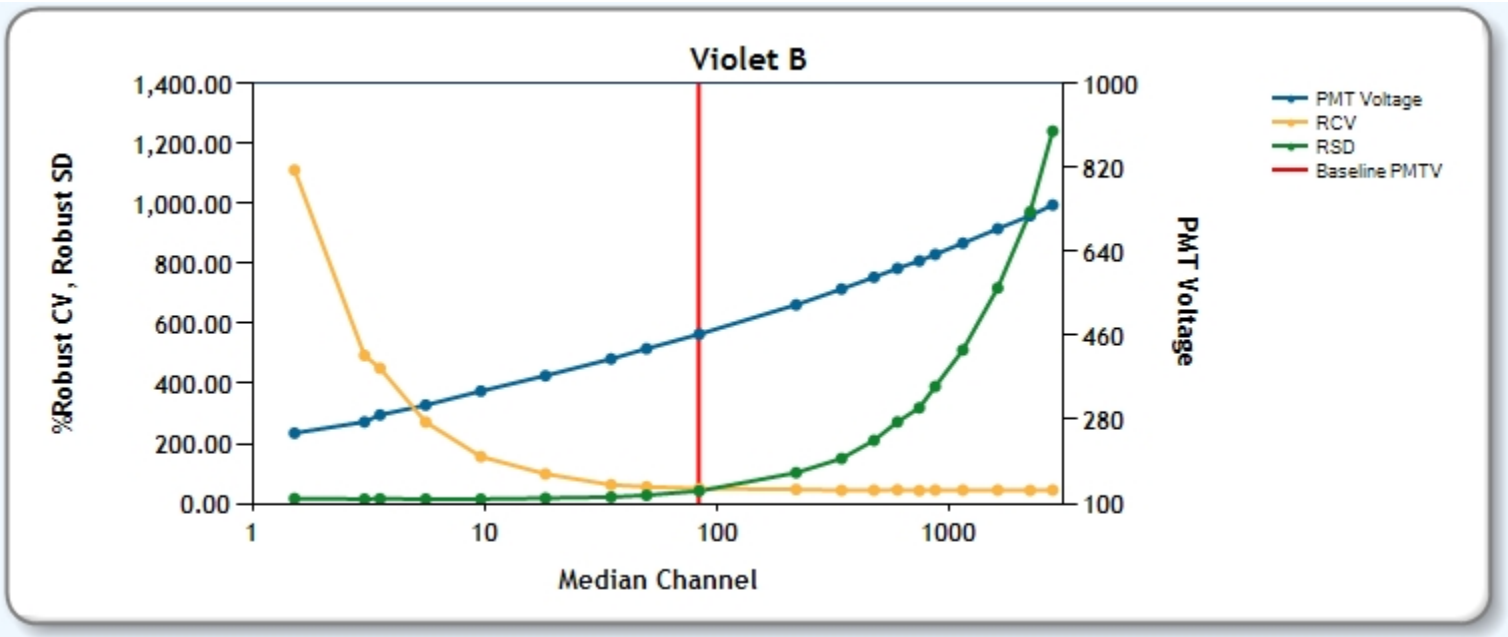

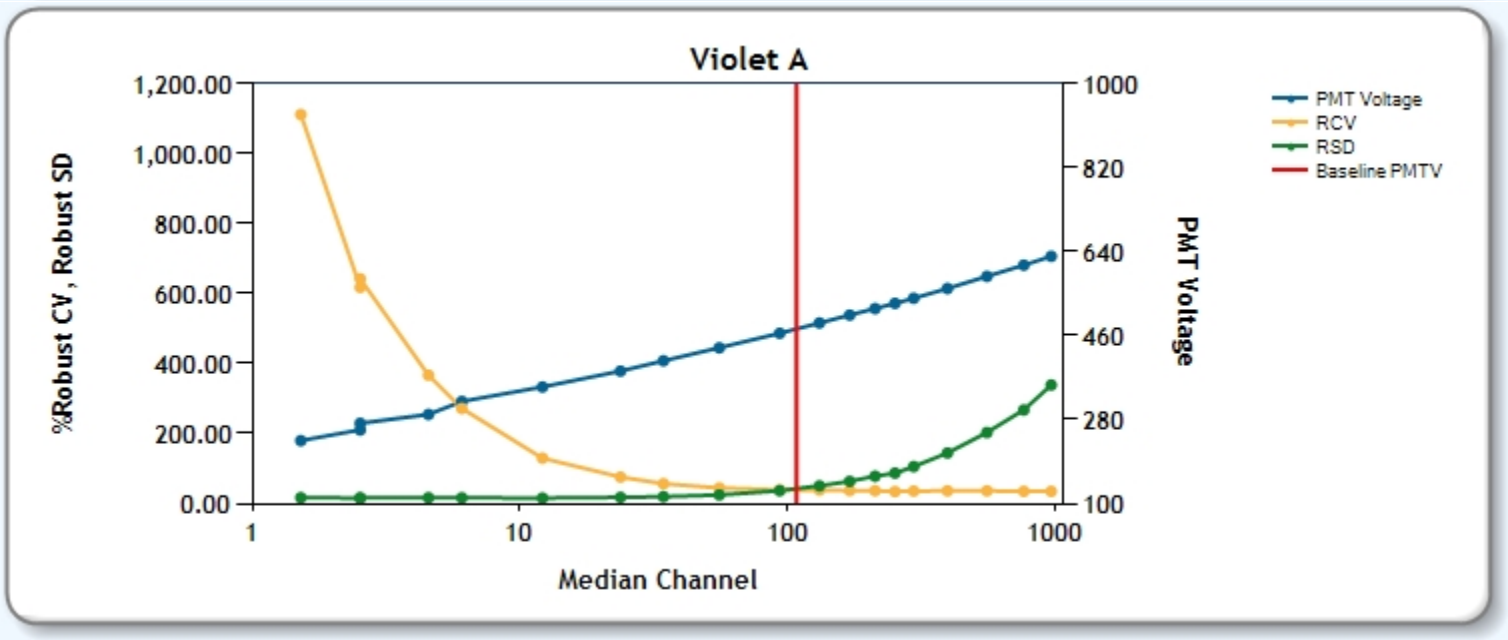

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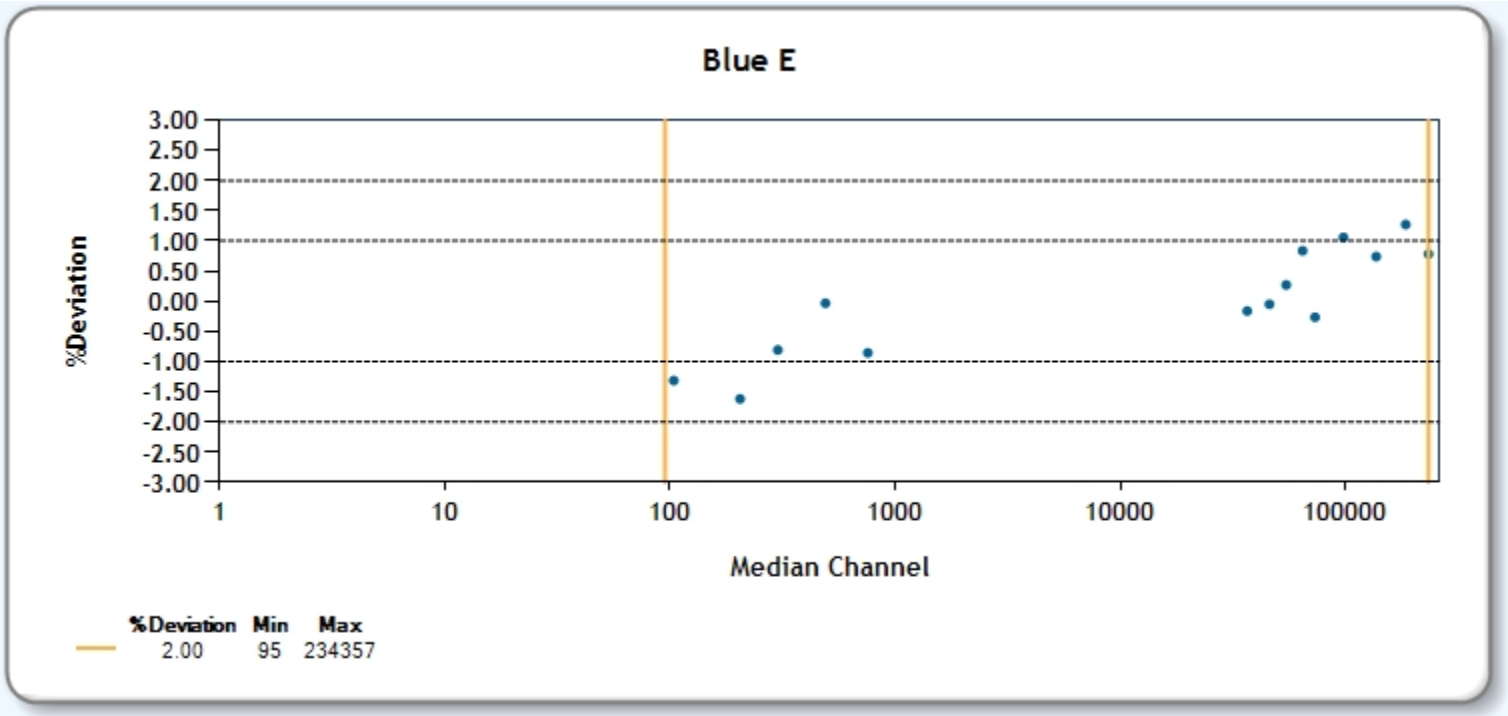
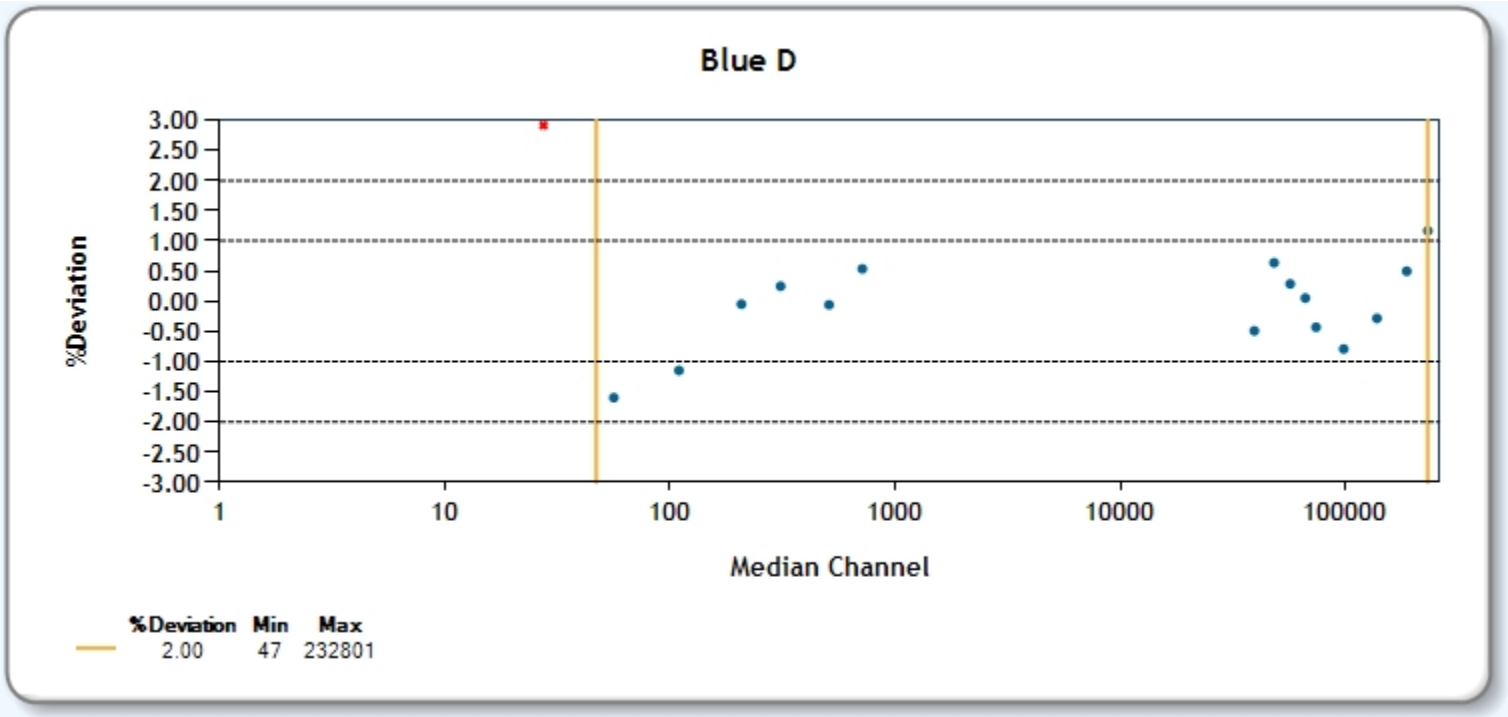
Linearity Results





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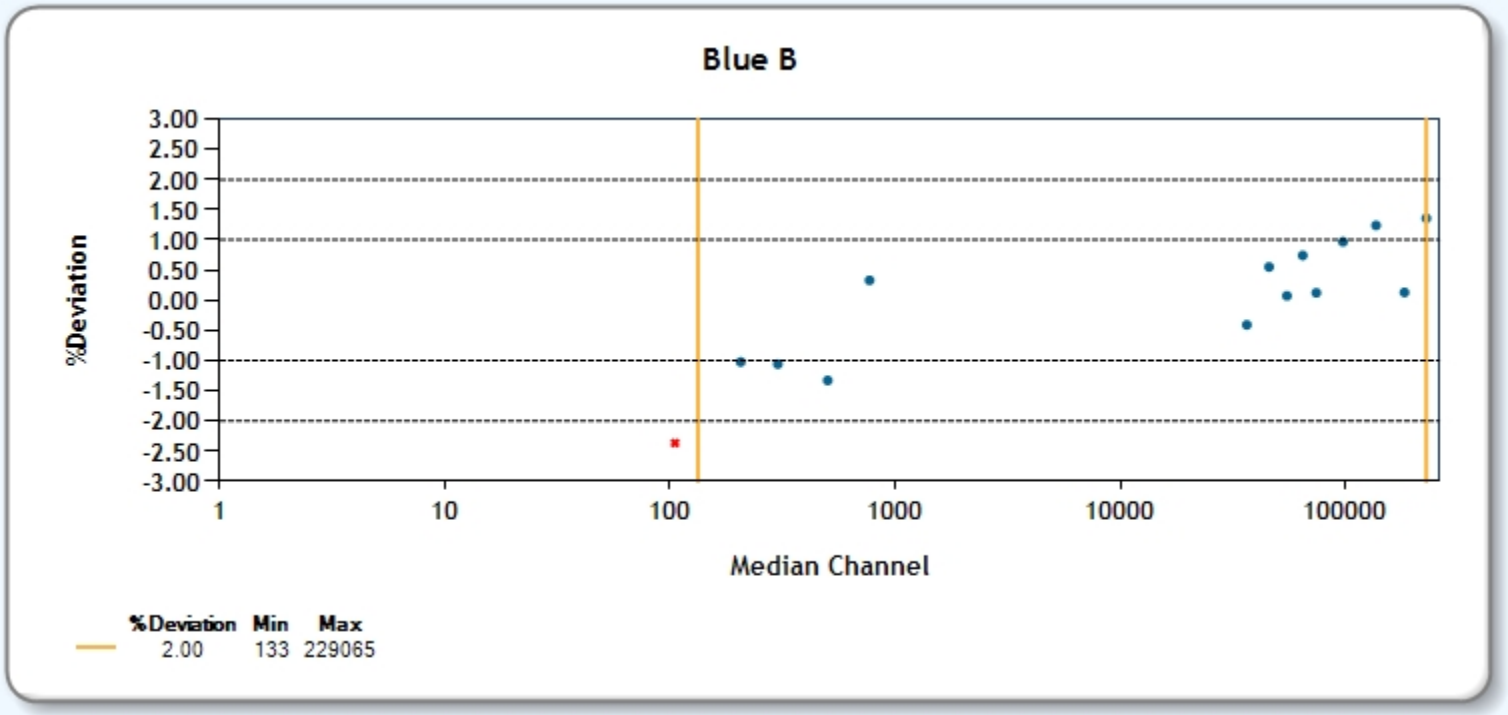

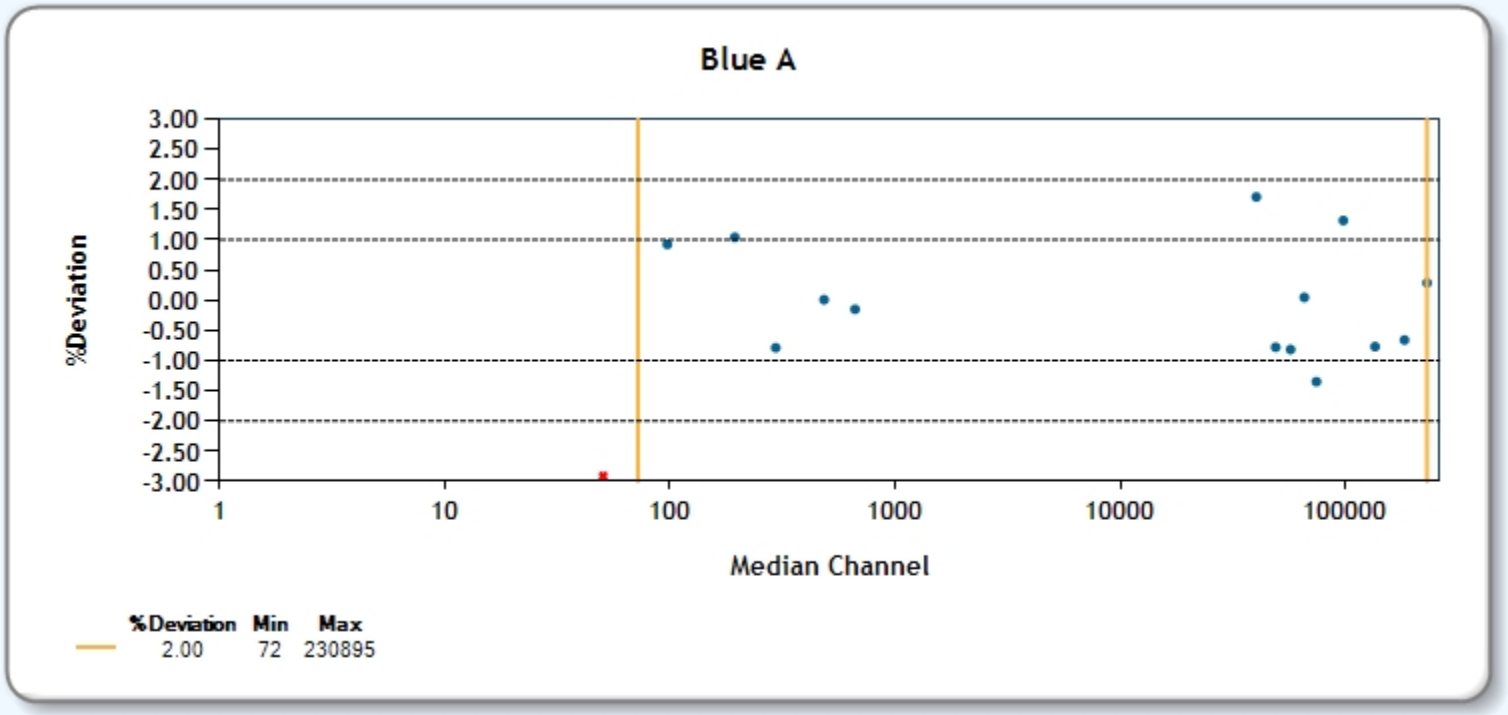

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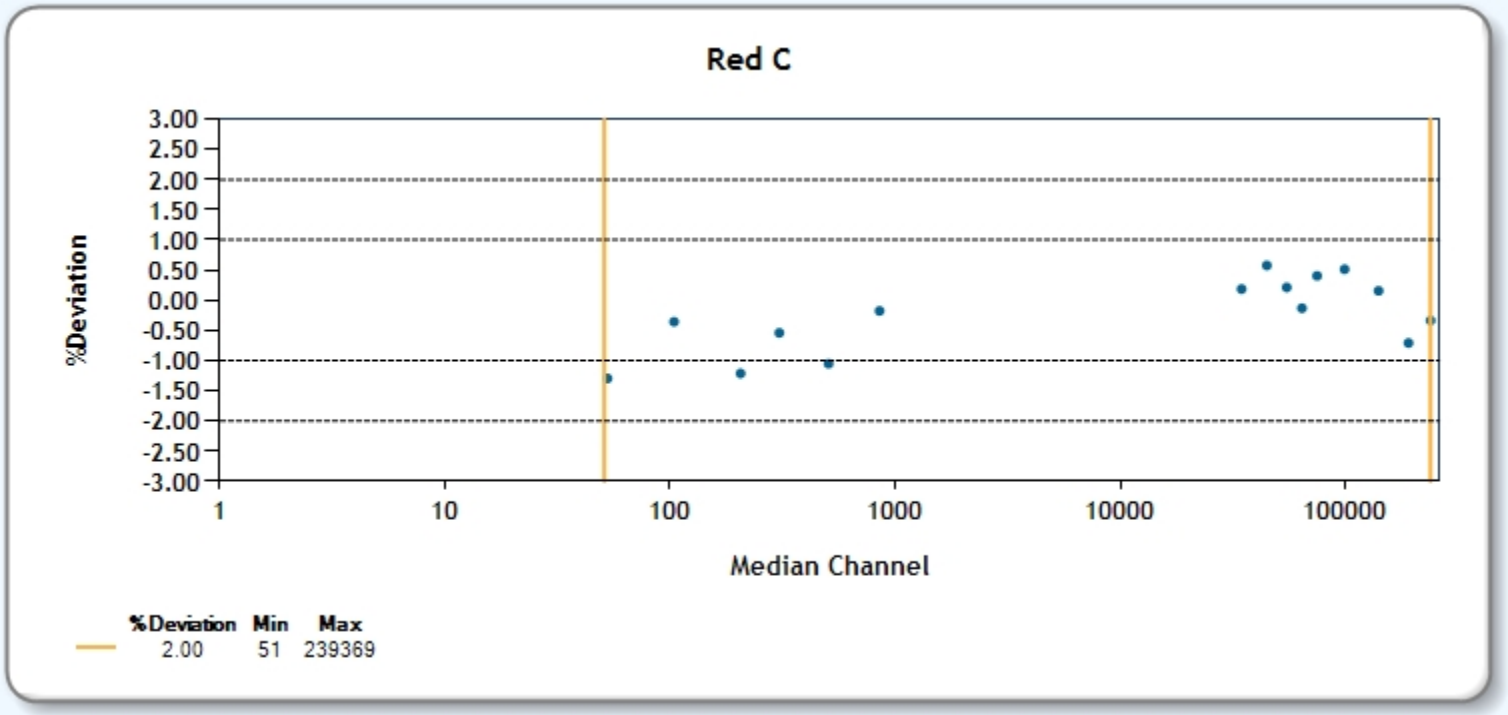

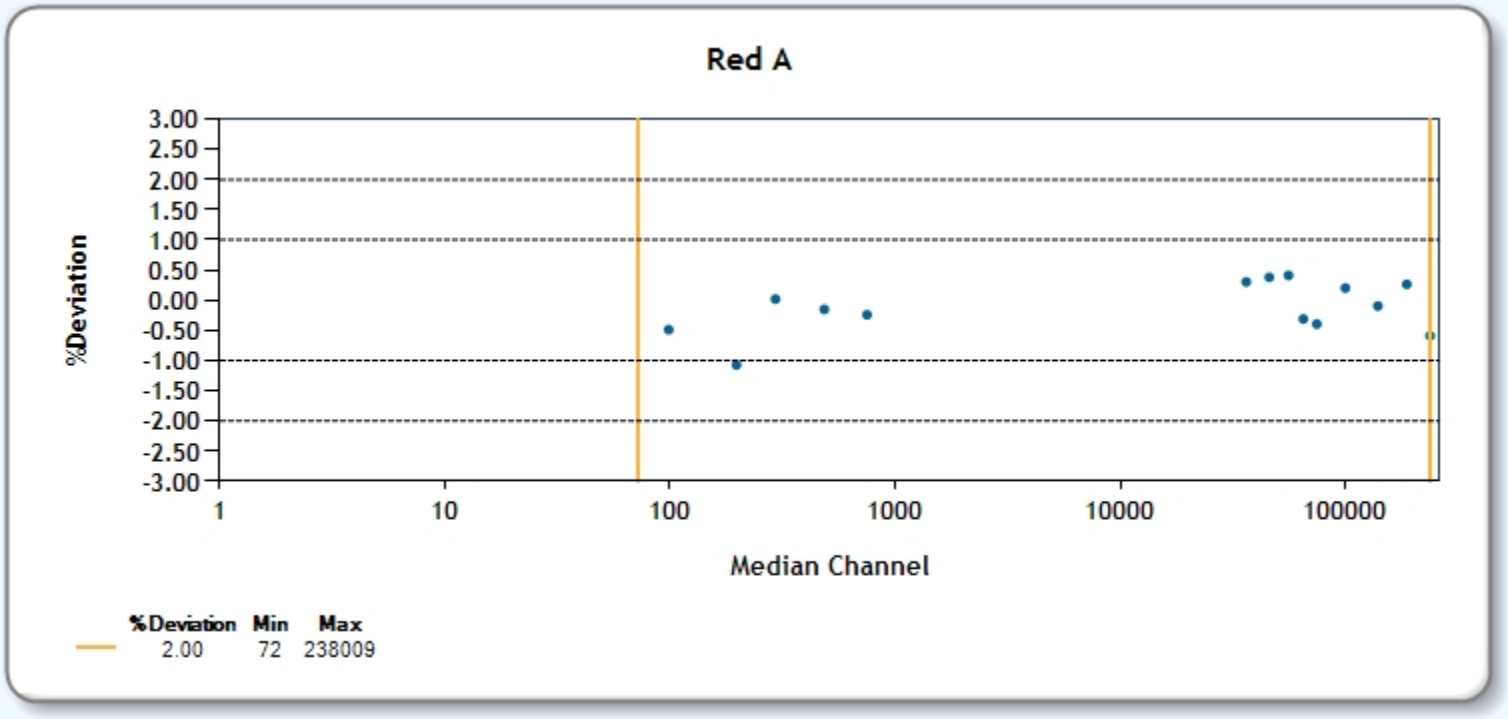

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